



Microbac Laboratories, Inc.

Scranton Division

Laboratory ID: 1213584

Certificate of Analysis

Tech Law

Gene Nance
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Contact: Gene Nance

Project Name: TL01-11-12-001/EPA #EP-S3-10-04

Project / PO Number: 03049.0.001.084.01.RS.A3TA

Date Received: May 22, 2012

Time Received: 3:00 pm

Analytical Testing Parameters

Client Sample ID: **FB22**

Lab Sample ID: **1213584-01**

Collection Date: **5/22/2012**

Collection Time: **11:58 am**

Collected By: client

MICROBIOLOGY

Parameter	Result	Units	PQL	Method	Prepared	Analyzed	Analyst
Heterotrophic Plate Count	<1.0	CPA,A-03 CFU/ml	1.0	SM 9215B	5/23/2012 1245	5/25/2012 1400	JB
Total Coliform	<1.0	CPA CFU/100 ml	1.0	SM 9223B	5/23/2012 1235	5/24/2012 1605	JB
E. coli	<1.0	CPA CFU/100 ml	1.0	SM 9223B	5/23/2012 1235	5/24/2012 1605	JB

Analytical Testing Parameters

Client Sample ID: **HW64**

Lab Sample ID: **1213584-02**

Collection Date: **5/22/2012**

Collection Time: **11:10 am**

Collected By: client

MICROBIOLOGY

Parameter	Result	Units	PQL	Method	Prepared	Analyzed	Analyst
Heterotrophic Plate Count	300	CPA,A-03 CFU/ml	1.0	SM 9215B	5/23/2012 1245	5/25/2012 1400	JB
Total Coliform	>200	CPA CFU/100 ml	1.0	SM 9223B	5/23/2012 1235	5/24/2012 1605	JB
E. coli	8.0	CPA CFU/100 ml	1.0	SM 9223B	5/23/2012 1235	5/24/2012 1605	JB

Analytical Testing Parameters

Client Sample ID: **HW64-P**

Lab Sample ID: **1213584-03**

Collection Date: **5/22/2012**

Collection Time: **11:40 am**

Collected By: client

MICROBIOLOGY

Parameter	Result	Units	PQL	Method	Prepared	Analyzed	Analyst
Heterotrophic Plate Count	1100	CPA,A-03 CFU/ml	1.0	SM 9215B	5/23/2012 1245	5/25/2012 1400	JB
Total Coliform	<1.0	CPA CFU/100 ml	1.0	SM 9223B	5/23/2012 1235	5/24/2012 1605	JB
E. coli	<1.0	CPA CFU/100 ml	1.0	SM 9223B	5/23/2012 1235	5/24/2012 1605	JB

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Definitions:

- **CPA:** Denotes results analyzed by Microbac Laboratories, Inc. Central Pennsylvania Division. NELAP accredited by the Pennsylvania DEP (22-00578).
- **A-03:** This sample was analyzed outside the EPA recommended holding time.

Report Comments:

The **PQL** is the **Practical Quantitation Limit**, which is defined as the lowest quantitation level of an analyte that can be readily achieved within the specified limits of precision and accuracy of an analytical method during routine laboratory operating conditions. The value may be raised depending on the characteristics or behavior of the target analyte.

All samples were analyzed "**as received**" from the client. Microbac Laboratories, Inc.- Scranton Division can only assume that all samples were collected and submitted by the CLIENT following the appropriate protocols set forth by the regulatory requirements. This document shall not be reproduced, except in full, without the written approval of Microbac Laboratories, Inc.- Scranton Division. If there are any technical questions pertaining to this laboratory report please contact a Client Services Coordinator or the Laboratory Director at (570) 348-0775.

Reviewed and Approved By:

Date Reviewed and Approved:

6/11/2012

Project Manager

For any feedback concerning our services, please contact [REDACTED], the Laboratory Director at 570.348.0775. You may also contact both [REDACTED] President at [REDACTED] and [REDACTED] Chief Operating Officer at [REDACTED].

Please help us in meeting our Go Green initiative by selecting to have reports and invoices submitted via email only. Please contact [REDACTED] to set up email reporting and invoicing options.